SONY

DCR-DVD305

DVD Handycam® Camcorder

▲ Step-up

Shoot 1.0 Megapixel digital stills and surround sound video with the DCR-DVD305 through the professional quality Carl Zeiss® Vario-Tessar® Lens. Plus, you can easily transfer images and video footage to your computer for printing, emailing and sharing with both USB 2.0 interface[2] and Memory Stick Duo™ capability.

- **1.0 Megapixel Advanced HAD™ CCD Imager**
  1/5.5" Advanced HAD™ (Hole Accumulation Diode) CCD imager with 690K effective video pixels provides excellent detail and clarity, for exceptional digital video (up to 520 lines of resolution) and still image performance. Realize great looking digital still images with 1,000K effective pixels.
- **Advanced HAD™ CCD Technology**
  Enhanced CCD design allow more light to reach the imager which reduces video noise to improve signal-to-noise ratio by up to 6dB (2x better than a standard CCD). Particularly effective when shooting in dark situations.
- **DVD Format Video Recording[2]**
  The DVD recording format delivers digital picture and sound quality comparable to that of MiniDV, but on DVD. Playback of the DVDs couldn't be simpler. After finalizing the disc in the camera, the disc plays back in compatible DVD Players, computers and even PlayStation® 2 video game consoles.
- **DVD-R/RW and + RW Compatible[4]**
  The DCR-DVD305 is compatible with a variety of DVD formats allowing the ease of use and simplicity found in DVD Media. With DVD+RW media there is not a need to finalize the disc (minimum recording required). Simply remove the disc and insert the media into a compatible DVD Player.
- **12X Optical/800X Digital Zoom**
  The optical zoom helps to bring the action up close from far away. In addition, the digital zoom interpolation means that extreme digital zooming is clearer, with less distortion than previous types of digital zooms.
- **Professional Quality Carl Zeiss® Vario-Tessar® Lens**
  Carl Zeiss lens have an advanced optical multi-layer coating offering less glare and flare with increased contrast. This results in vivid image brilliance, true-to-life color saturation, and perfect renditions of subtle tones.

▲ **Dolby Digital® 5.1ch Recording**
The DCR-DVD305 is supplied with a Dolby Digital 5.1ch Microphone. By recording in 5.1 channel surround sound you can experience your home movies with active sounds coming from all directions. Enjoy your personal home movies the way you experienced them while recording.

▲ **2.7" Hybrid SwivelScreen™ LCD Display (123K Pixels)**
Provides excellent viewing clarity with improved resolution. The 123K pixel LCD rotates up to 270-degrees for multiple viewing angles, providing sharp, detailed images for monitoring or playback. The Hybrid LCD Screen provides accurate viewing in sunlight or bright light, virtually eliminating the "wash-out" common with traditional LCD screens.

▲ **Digital Still Memory Mode with Memory Stick Duo™ Media[6]**
Capture still images up to 1152x864 resolution, directly onto Memory Stick Duo™ Media for easy transfer to PCs for emailing, printing or sharing with other compatible Memory Stick™ devices.

- **Visual Index Screen**
  Shows thumbnail images of movies and still images when playing back on your camcorder or DVD player, making scene selection easier.

▲ **Analog Inputs**
Record any analog NTSC source to digital video via the analog inputs. Perfect for archiving analog tape recordings. This recorded video can then be edited on your computer.

- **Color Viewfinder**
  Provides a clear, color view of subjects and makes spotting and/or following subjects easier.
- **Super SteadyShot® Picture Stabilization System**
  An advanced version of Sony's SteadyShot® system that controls an even higher range of shake and vibration frequencies, to achieve an even higher level of smoothness without degradation of video like some other image stabilization systems.

▲ **Active Interface Shoe**
Conveniently gives you the option of adding accessories such as lights, flashes and microphones to the camera, which can communicate with the camera and also draw power from the camera.

- **USB 2.0 Interface[3]**
  USB 2.0 interface provides an easy way to connect your DVD Digital Handycam camcorder to computers for fast transfer of video and still images to your computer for editing. The camcorder can also be used as an external DVD burner, convenient for making copies of your DVDs or burning edited movies.

ADDITIONAL FEATURES

- InfoLithium® Battery with AccuPower™ Meter System[1]
- Super NightShot® Plus Infrared System
- Progressive Shutter System
- Program AE (Auto Exposure) Modes
- Fader Effects
- Picture Effects

DVD+ReWritable

DOLBY DIGITAL 5.1 CREATOR

ZEISS

PictBridge

Picture Package™

HANDYCAM

like.no.other™

DCR-DVD305

DVD Handycam® Camcorder

Specifications

General

Imaging Device: 1/5.5" Advanced HAD™ CCD
Pixel Gross: 1070K
Recording Media: 8cm DVD (DVD-R/DVD-RW/DVD+RW)
Recording and Playback Times: HQ: 20 min., SP: 30 min., LP 60 min.
Video Actual: 690K Pixels
Still Actual: 1000K Pixels

Convenience

USB Streaming: N/A
SteadyShot® Image Stabilization: Yes (Super; Electronic)
Accessory Shoe: Active Interface Shoe
White Balance: Auto, Indoor, One-push, Outdoor
Memory Stick PRO™ Media Compatibility: Tested to support up to 2GB media capacity; does not support high speed transfer function; does not support Access Control security function.
Still Image Mode(s): JPEG
Minimum Illumination: 7 Lux (0 Lux with Super NightShot® Plus Infrared System)
Low Light Capability: Super NightShot® Plus

Inputs and Outputs

Analog Audio/Video Input(s): Yes (Multi A/V)
Analog Audio/Video Output(s): Yes (Multi A/V)
Digital Audio/Video Input(s): Yes (via USB)
Digital Audio/Video Output(s): Yes (via USB)
USB Port(s): Yes (2.0 compliant)
i.LINK® Interface: N/A
Component Video (Y/Pb/Pr) Output(s): N/A
Headphone Jack: N/A
Microphone Input: Yes (thru Active Interface Shoe)
Remote Jack: Yes (Mini Plug)
S-Video Input(s): Yes (optional accessory)
S-Video Output(s): Yes (optional accessory)

Hardware

LCD: 2.7" (123K Pixels Wide 16:9 Touch Panel SwivelScreen™ LCD Display)
Lens Type: Carl Zeiss® Vario-Tessar®
Viewfinder: Color (123K Pixels)
Docking Station: N/A
Microphone: Yes (Supplied 5.1 Channel)

Optics

35mm Equivalent: 46-628.5mm (16:9 Camera Mode), 48-576mm (4:3 Camera Mode), 43.6-523.2mm (16:9 Memory Mode), 40-480mm (4:3 Memory Mode)
Aperture: f1.8-f2.5
Exposure: Touch Panel (24 steps)
Filter Diameter: 25mm
Focal Distance: 3.0-36mm
Focus: Full Range Auto, Manual (Touch Panel)
Progressive Shutter Mode: Yes
Shutter Speed: Auto, 1/4-1/4000 (AE Mode)
Optical Zoom: 12X
Digital Zoom: 800X

Power

Power Consumption: 3.1W/3.6W (VF/LCD)
Battery Type: InfoLithium® with AccuPower™ Meter System (NP-FP50)
Power Requirements: 7.2V (battery pack); 8.4V (AC Adaptor)

Service and Warranty Information

Limited Warranty: 1 Year Parts; 90 Days Labor

Software

Operating System Compatibility: Microsoft® Windows® 2000 Professional, XP Home, XP Professional
Supplied Software: Picture Package™ ver. 1.8 and Nero Express 6 (Conversion Software)

Video

Video Recording System: DVD-Video/DVD-VR/DVD+RW Video
Video Signal System: NTSC color, EIA standards
Analog-to-Digital Converter: Yes (Signal Convert)

Dimensions

Weight: 1 lb. 1 oz (470g) with Disc and Battery
Measurements: 2 1/5" x 3 7/15" x 5 1/13" (56 x 88 x 129mm)

Supplied Accessories

Power Adaptor/In Camera Charger (AC-L25)
InfoLithium® Rechargeable Battery (NP-FP50)
Wireless Remote Commander® Remote Control
A/V Cable
Surround Sound Microphone
Lens Cap
Picture Package™ Software ver. 1.8 and Nero Express 6 (Conversion Software)
USB Cable
Cleaning Cloth

Optional Accessories

DVD Starter Kit (ACC-DVDP2)
Rechargeable InfoLithium® Batteries (NP-FP50/71/90)
Travel Charger (BC-TRP)
Soft Carrying Case (LCM-HCG)
Carrying Case (LCS-VA30)
AC Charger / Power Adaptor (AC-VQP10)
Filter Kit (VF-25CPKXS)
Wide Angle Lens (VCL-0625X)
High Grade Wide Angle Lens (VCL-HC0725X)
Tele Conversion Lens (VCL-2025S)
High Grade Tele Conversion Lens (VCL-HG2025)
Video Light (HVL-HL1)
Video Light / Flash (HVL-HFL1)
Lightweight Tripod (VCT-R640)
Pocket Tripod (VCT-MTK)
Gun Zoom Microphone (EMC-HGZ1)
High Grade Stereo Microphone (ECM-HST1)
A/V Cable with S-Video (VMC-30FS)
Sports Pack (SPK-HCB)
High Grade A/V Cable with S-Video (VMC-30FS)

UPC Code: 027242688766

BATTERY LIFE[1]

Battery[1] (Fully charged)	Continuous Record Time VF/LCD/LCD Backlight Off	Continuous Playback Time LCD On/Off
NP-FP50	90/75/85 min	80/95 min
NP-FP70	185/160/180 min	175/200 min
NP-FP71	220/190/215 min	205/235 min
NP-FP90	335/285/320 min	310/355 min

STILL IMAGE MODE[4]

Fine/Standard Picture Quality

DVD Media[5]	1152 x 864	1152 x 648 (16:9)	640 x 480 (VGA)
DVD-R	2150/4100	2750/5100	5100/8100
DVD-RW/Video	2250/4300	2850/5400	5400/8600
DVD-RW/VR	2250/4300	2900/5400	5400/8600
DVD+RW	1650/2600	1950/2950	2950/3800
Memory Stick Duo™ Media[6]			
8MB	15/37	20/48	50/120
16MB	30/74	40/96	96/240
32MB	61/150	81/190	190/485
64MB	120/300	160/390	390/980
128MB	245/600	325/780	780/1970
Memory Stick PRO Duo™ Media[6]			
256MB	445/1000	590/1400	1400/3550
512MB	900/2050	1200/2850	2850/7200
1GB	1800/4200	2450/5900	5900/14500

1. Battery life may vary depending upon usage patterns. Designed for use with compatible Sony InfoLithium® batteries.
2. Playback on all home DVD players, computer DVD drives, and PlayStation® 2 consoles cannot be guaranteed. Some players, drives, and video game consoles lack the ability to read due to the optical reflection standard of DVD-R/RW discs and/or due to encoding incompatibilities. Refer to the specifications of your playback equipment for additional compatibility information.
3. Not all products with a USB 2.0 connector may communicate with each other due to chipset variations.
4. Recording time may vary depending upon the types of images and amount of movement you are shooting.
5. Use of Sony DVD-R/-RW/ RW Media recommended. For third party media, confirm compatibility with manufacturer.
6. Available storage capacity of Memory Stick and Memory Stick PRO media may vary. A portion of the memory is used for data management functions. Actual available memory in MBs is: 8=7.5, 16=15, 32=30, 64=61, 128=123, 256=220, 512=460, 1GB=940, 2GB=1.85GB.

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